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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/070,006		Gilbert Wolrich	10559-302US1	5728
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Scott C Harris	3		PEIKARI,	BEHZAD
Fish & Richard 4350 La Jolla V			ART UNIT	PAPER NUMBER
Suite 500 San Diego, CA 92122			2186	9
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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary The MAILING DATE of this communication appears on the cover sheet with the correspondence address = Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE of THIS COMMUNICATION.	W P	Application No.	Applicant(s)			
Examiner B. James Pelikari J. Pelikari J. Pelikari B. James Pelikari J. Pelik	. 59					
B. James Peikari - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. If the period for reply specified above is loss than thirty (39) days, a reply within the statisticy minimum of thinky (30) days, will be considered invely. If the period for reply specified above is loss than thirty (39) days, a reply within the statisticy minimum of thinky (30) days, will be considered invely. If the period for reply specified above is loss than thirty (39) days, a reply within the statisticy minimum of thinky (30) days will be considered invely. If the period for reply specified above is loss than the statistic period will appear 80 (30) days will be considered invely. If the period for reply specified above, the manimum daturby period will appear 80 (30) days will be considered invely. If the period for reply specified above, the manimum daturby period will appear 80 (30) days will be considered invely. If the period for reply specified above, the manimum daturby period will appear and a state of the statistic period and the statistic period of the communication, are period of the communication, even if timely filed, may reduce any seamed period the statistic period of the communication and the statistic period of the communication. If the second in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 Claim(s)	Office Action Summary					
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Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s) 5) Notice of Informal Patent Application (PTO-152)	a) The translation of the foreign language pro	ovisional application has been rec	ceived.			
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	,					
<u> </u>	2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) Notice of Informal				

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DETAILED ACTION

Drawings

 The informal drawings filed in this application are acceptable for examination purposes. When the application is allowed, applicant will be required to submit new formal drawings.

Specification

2. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 1-20 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

The claims have been amended to recite "in a single clock cycle, concatenating ..., shifting..., and storing,' or similar language" (note the claims and page 1 of

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applicant's remarks submitted with the amendment of September 17, 2003). However, the specification does not support such a feature of the claims. For example, the "concatenating ..., shifting..., and storing" is described on page 10, lines 15 et seq. of the specification, but there is no mention of these occurring in a single clock cycle.

In fact, the only mention of "a single cycle" occurs on page 8, lines 14-22, of the specification. However, only the step of "a single cycle shift of one operand or two operands" is disclosed as occurring in a single cycle. The steps of "concatenating" and "storing" are not mentioned in this section. There is no disclosure that the steps of "concatenating" and "storing" occur in a single cycle, much less that all three steps occur in the same single cycle.

Claim Rejections - 35 USC § 102

5. The previous rejections under 35 USC § 102 are withdrawn due to the amendments to the claims filed on September 17, 2003.

Claim Rejections - 35 USC § 103

6. The previous rejections under 35 USC § 103 are withdrawn due to the amendments to the claims filed on September 17, 2003.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Peikari whose telephone number is (703) 305-

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3824. The examiner is generally available between 11:00 am and 9:30 pm, EST, Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Kim, can be reached at (703) 305-3821.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 746-7239 (Official communications)

or:

(703) 746-7240 (for Informal or Draft communications)

or:

(703) 746-7238 (for After-Final communications)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

B. James Peikari Primary Examiner Art Unit 2186

9/29/03